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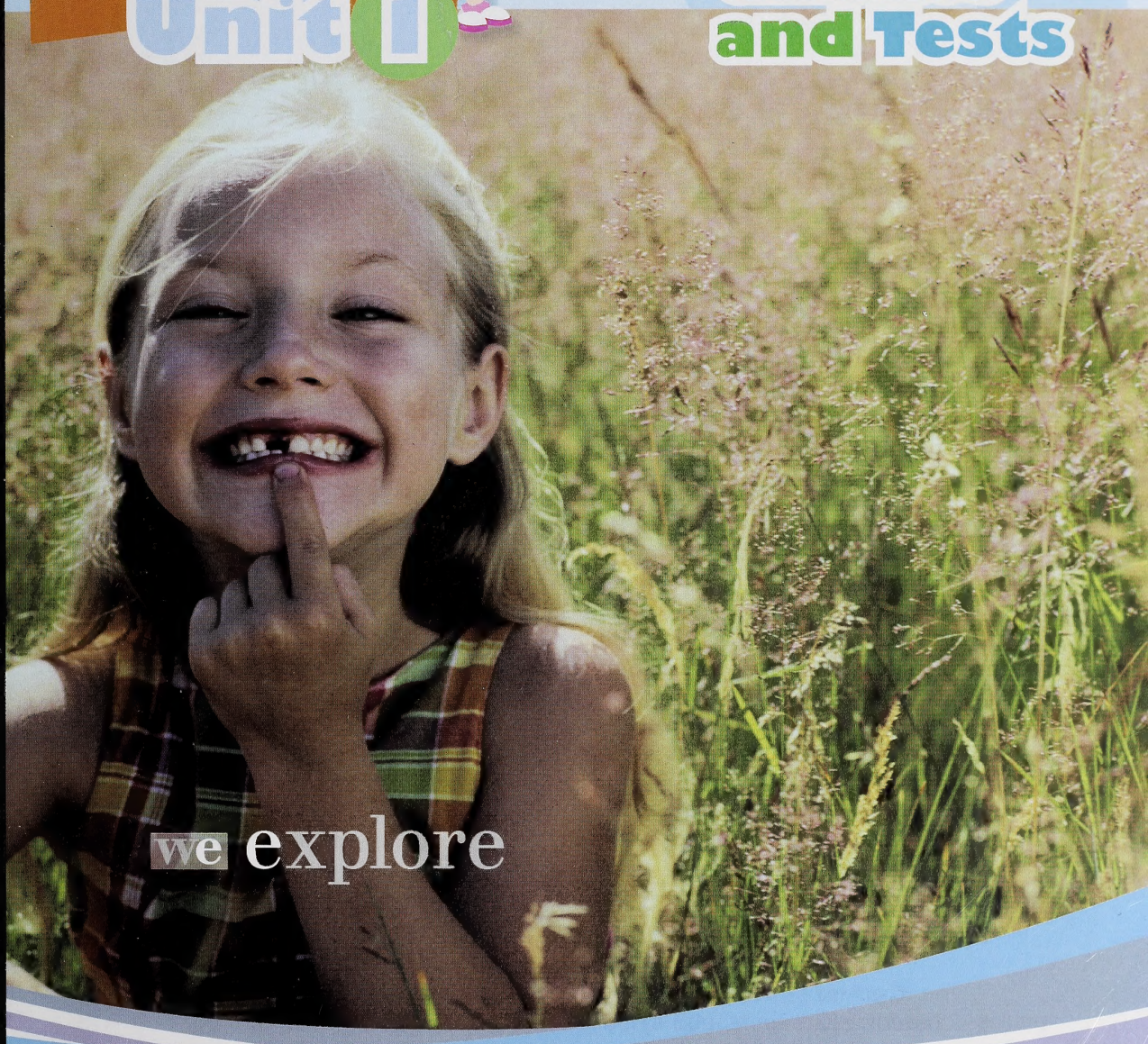
LearnEveryWare

Math 4 Unit 1

Quizzes and Tests



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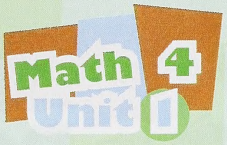

Math 4 Learn EveryWare – Unit 1 Tests & Quizzes
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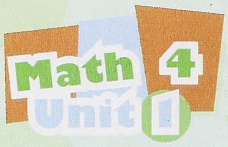

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Math 4
Unit 1

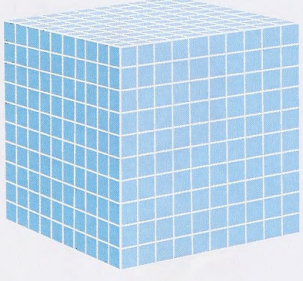
Quiz
Lesson 1

Understanding to 10 000

1. If each circle represents 1 000 how much do 7 circles represent?

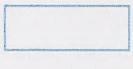
2. If each cube represents 100 how much does the picture below represent?

3. If the picture below represents 1 000. How much would 8 of them represent? Draw a pictorial representation to solve.



4. Every line in a tally represents 10 votes for going to a museum for the class field trip. How many people voted to go to a museum?

5. You need to draw out a seating chart for a party. Each rectangular table seats 10 people. Draw a pictorial representation of the tables needed to seat 60 people.



Math 4
Unit 1

Quiz
Lesson 2

Place Value to 10 000

Quiz
Lesson 2: Place Value to 10 000

Materials: Place Value Charts from the back of this Unit in your Workbook

For 1 - 3: Write the following numbers in words. Then write the value of the blue digit. Remember you can use a place value chart.

1. 4 123 _____

   _____

   Value of blue digit = _____

2. 8 796 _____

   _____

   Value of blue digit = _____

3. 12 684 _____

   _____

   Value of blue digit = _____

For 4 - 7: Complete or answer the question.

4. 81 662 = eighty-one _____, six hundred sixty two

5. Which digit is in the thousands place in 25 410? _____

6. Which digit is in the ten thousands place in 65 782? _____

Math 4 Unit 1

Quiz Lesson 3

Expanding Numbers

Quiz
Lesson 3: Expanding Numbers

Materials: Place Value Charts from the back of this Unit in your Workbook

For 1 - 3: Write the following numbers in expanded notation.

1. 3 236 =

2. 345 =

3. 26 405 =

For 4 - 5: Write each of the following in standard form. Use the place value charts to help you.

4. 70 000 + 60 + 2 =

5. 2 000 + 300 + 50 + 8 =

Math 4

Unit 1

Quiz

Lesson 4

Comparing Numbers

Quiz
Lesson 4: Comparing Numbers

Materials: Place Value Tables from the back of this Unit in your Workbook

For 1 - 3: Order each group of numbers from least to greatest. Remember to use Place Value Tables.

1. 419, 515, 398

2. 4 847, 4 748, 4 874

3. 10 876, 10 142, 10 335

For 4 - 5: Compare and write >, < or = in the ◯. Remember to use a place value chart.

4. 3 670 ◯ 3 607

5. 23 830 ◯ 23 814

Math 4

Unit 1

Quiz

Lesson 5

Understanding Fractions

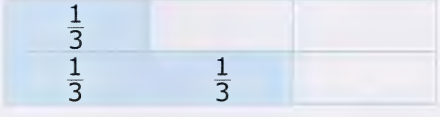
Quiz
Lesson 5: Understanding Fractions

For 1 - 2: Write a fraction to show how much of the shape is shaded.

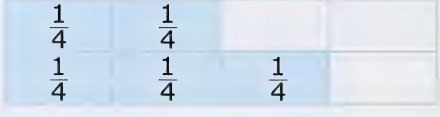
1.

2.

For 3 - 4: Compare and write <, >, or =.

3. 

$\frac{1}{3}$ ◯ $\frac{2}{3}$

4. 

$\frac{2}{4}$ ◯ $\frac{3}{4}$

For 5: Solve.

5. The mother hen has seven female chicks and eight male chicks. What fraction of the chicks are males?

Math 4

Unit 1

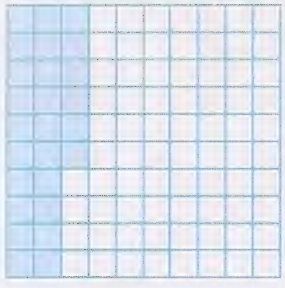
Quiz

Lesson 6

Understanding Decimals

For 1 - 4: Name the decimal for the shaded part of the model or the number line.

1. Decimal: _____



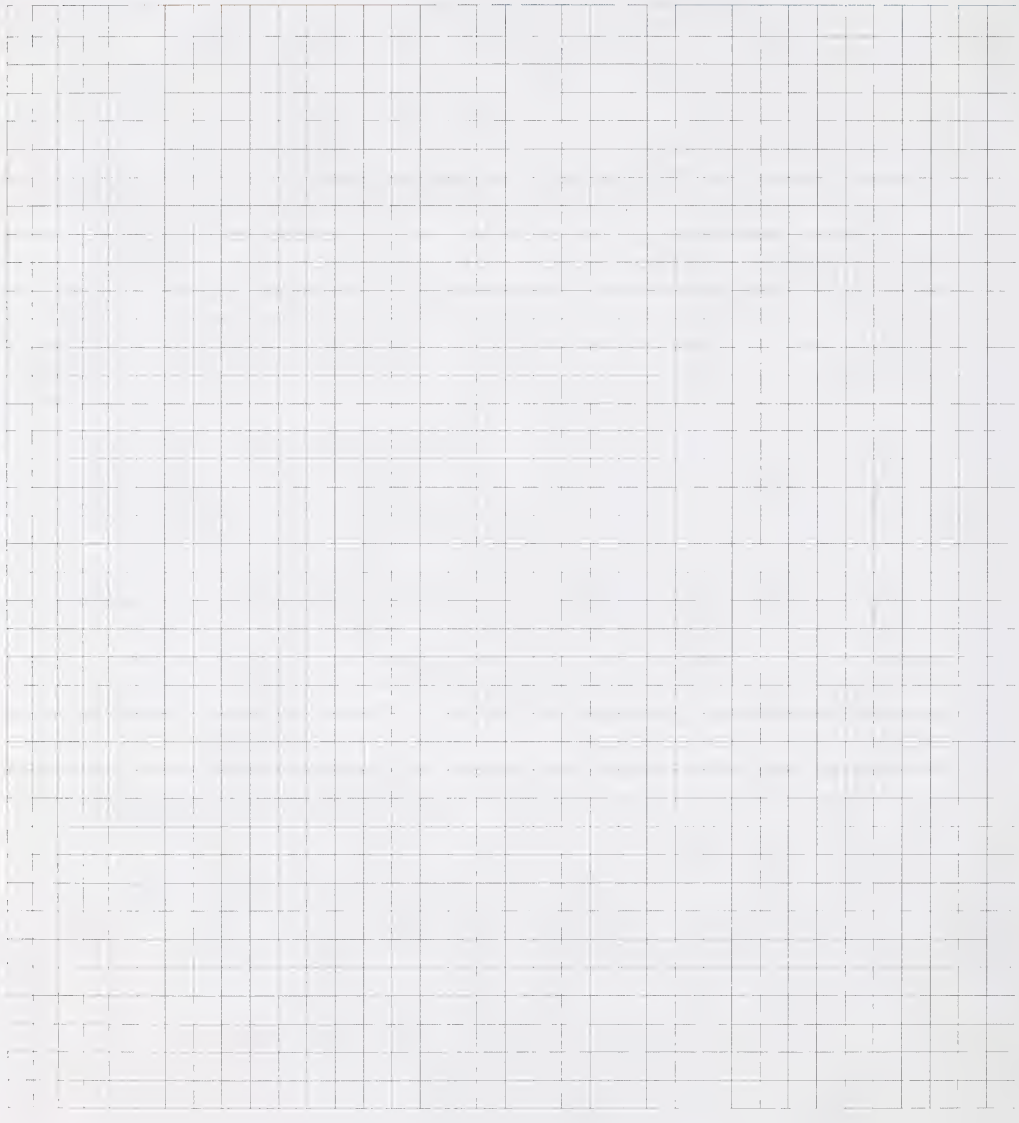
2. Decimal: _____

3. Decimal: _____

4. Decimal: _____

5. Write the decimal for "two hundredths" _____

6. Write 0.34 in words. _____



Math 4

Unit 1

Quiz 1

Lesson 7

Decimal Fraction Relationships

For 1 - 3: Write each decimal as a fraction.

1. 0.19

2. 0.04

3. 0.2

For 4 -5: Write each fraction as a decimal.

4. $\frac{7}{100}$

5. $\frac{45}{100}$

Math 4

Unit 1

Test

Lessons 1 - 7

Test: Lessons 1 - 7

Materials: Place Value Charts and Tables from the back of this Unit in your Workbook

1. If each cube represents 100 how much does the picture below represent?

For 2 - 4: Write the value of the orange digit.

2. 3 123

3. 8 756

4. 42 684

For 5 - 6: Write the following numbers in expanded form.

5. 3 246 =

6. 275 =

For 7 - 8: Write each of the following in standard form.

7. 80 000 + 40 + 2 =

8. 3 000 + 100 + 40 + 7 =

For 9 - 10: Order each group of numbers from smallest to largest. Remember, you can use a place value table.

9. 418, 532, 498 _____, _____, _____

10. 4 478, 4 784, 4 874 _____, _____, _____

For 11 - 12: Compare using >, < or = in the ◯ . Remember, you can use a place value table.

11. 2563 ◯ 2536

12. 820 ◯ 814

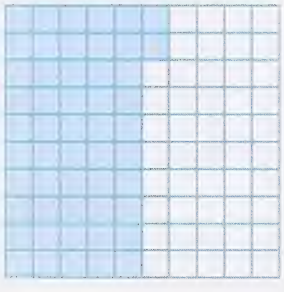
For 13 - 14: Solve.

13. Maria has seven red beach balls and three orange beach balls. What fraction of Maria's beach balls are orange?

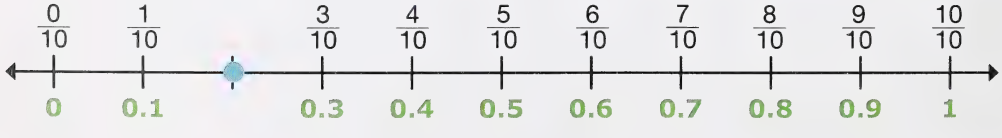
14. Of the boys in my neighbourhood, four play football and three play baseball. What fraction of the boys play baseball?

For 15 - 18: Name the fraction and the decimal for the shaded part of the model or the number line.

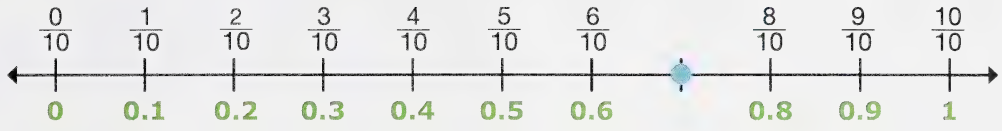
15. Fraction _____ Decimal _____



16. Fraction _____ Decimal _____



17. Fraction _____ Decimal _____



18. Fraction _____ Decimal _____

For 19 - 22: Write each decimal as a fraction.

19. 0.12

20. 0.09

21. 0.5

22. 0.94

For 23 - 25: Write each fraction as a decimal.

23. $\frac{4}{10}$

24. $\frac{5}{100}$

25. $\frac{23}{100}$

Math 4

Unit 1

Quiz

Lesson 8

Addition

For 1 - 3: Find the sum.

1. $\begin{array}{r} 738 \\ +\ 451 \\ \hline \end{array}$

2. $\begin{array}{r} 1\,519 \\ +\ 871 \\ \hline \end{array}$

3. 3 297 + 5 432

For 4 - 5: Estimate the sum using front-end rounding or compatible numbers. Show your work.

4. $\begin{array}{r} 4\,567 \\ +\ 3\,243 \\ \hline \end{array}$

5. $\begin{array}{r} 4\,237 \\ +\ 1\,780 \\ \hline \end{array}$

For 6: Write a number sentence for the following problem. Solve.

6. Nina goes to the basketball game on Monday and notices that there are 3 460 people in attendance. When she goes to another game on Friday there are 6 270 people at the game. What is the combined number of attendees?

Math 4
Unit 1

Quiz
Lesson 9

Decimal Addition

For 1 - 4: Add. Check your answer by estimation and show your check.

1. 12.15
   + 34.67

2. 9.87
   + 2.78

3. 35.81
   + 9.46

4. 12.87
   + 13.14

For 5: Complete the following.

5. 98.94 + 29.37

   a. Write the number sentence for front end estimation and solve:

   b. Write the number sentence using compatible numbers and solve.

For 6: Write a number sentence and solve.

6. Cameron saved $25.44 last month. This month he saved another $32.15. About how much money has Cameron saved altogether?

Math 4

Unit 1

Quiz

Lesson 10

Subtraction

Quiz
Lesson 10: Subtraction

For 1 – 4: Subtract. Estimate to check and write the name of the estimation strategy you used. Show your work.

1. 823
   − 410

2. 9 837
   − 2 245

3. 6 825
   − 5 492

4. 3 407
   − 2 459

For 5: Write a number sentence and solve.

5. Lian had 458 marbles. 396 are left. How many did she lose?

Math 4

Unit 1

Quiz

Lesson 11

Decimal Subtraction

For 1 - 4: Subtract. Add to check your solutions.

1. 82.67
   -74.13

2. 9.41
   -7.58

3. 28.95 – 17.46

4. 87.01 – 48.35

For 5: Estimate the solution by front end estimation or compatible numbers. Label which strategy you used. Show the number sentence you used.

5. 67.39 – 15.43 _____

Math 4
Unit 1

Quiz
Lesson 12

Basic Multiplication Facts

Quiz
Lesson 12: Basic Multiplication Facts

For 1 - 24: Multiply.

1. 9 x 9	2. 9 x 6	3. 6 x 6
4. 8 x 3	5. 4 x 8	6. 7 x 8
7. 7 x 7	8. 6 x 7	9. 7 x 5
10. 4 x 7	11. 6 x 3	12. 4 x 6
13. 5 x 5	14. 6 x 8	15. 9 x 4
16. 9 x 8	17. 7 x 3	18. 7 x 9
19. 5 x 9	20. 3 x 9	21. 8 x 5
22. 6 x 5	23. 7 x 6	24. 8 x 9

Math 4

Unit 1

Quiz

Lesson 13

Multiplying 2 or 3 Digits by 1 Digit

Quiz
Lesson 13: Multiplying 2 or 3 Digits by 1 Digit

For 1 - 6: Multiply. Check your answer by estimating.

1. 48 x 5

2. 700 x 3

3. 426
   x 2

4. 347
   x 6

5. 55
   x 9

6. 612
   x 4

Math 4
Unit 1

Quiz
Lesson 14

Division

For 1 - 5: Divide. Multiply to check your solutions.

1. $42 \div 6$

2. $27 \div 9$

3. $48 \div 8$

4. $49 \div 7$

5. $45 \div 5$

For 6 - 8: Divide using long division. Multiply to check your solutions.

6. $4\overline{)68}$

7. $3\overline{)63}$

8. $6\overline{)78}$

Math 4
Unit 1
Test
Lessons 8 - 14

Test: Lessons 8 - 14

For 1 - 12: Add or subtract. Check your work.

1. $\begin{array}{r} 832 \\ +\ 138 \\ \hline \end{array}$

2. $\begin{array}{r} 277 \\ +\ 235 \\ \hline \end{array}$

3. $\begin{array}{r} 4\,318 \\ +\ 6\,916 \\ \hline \end{array}$

4. $\begin{array}{r} 2\,532 \\ +\ 6\,389 \\ \hline \end{array}$

5. $\begin{array}{r} 7.65 \\ +\ 2.81 \\ \hline \end{array}$

6. $\begin{array}{r} 14.97 \\ +\ 5.46 \\ \hline \end{array}$

7. $\begin{array}{r} 986 \\ -\ 349 \\ \hline \end{array}$

8. $\begin{array}{r} 7\,385 \\ -\ 2\,976 \\ \hline \end{array}$

9. $\begin{array}{r} 3\,931 \\ -\ 2\,698 \\ \hline \end{array}$

10. $\begin{array}{r} 17.03 \\ -\ 10.34 \\ \hline \end{array}$

11. $\begin{array}{r} 123.7 \\ -\ 98.4 \\ \hline \end{array}$

12. $\begin{array}{r} 8.92 \\ +\ 5.68 \\ \hline \end{array}$

For 13: Use estimation to answer the following.

13. 14.97 + 11.11

a. Write the number sentence for front end estimation and solve.

_____

b. Write the number sentence using compatible numbers and solve.

_____

c. Which of these do you think is closer to the actual sum? Why?

_____

For 14 - 16: Write a number sentence for each problem using addition or subtraction. Solve.

14. Lian has $432 saved for summer. She earns $215 more. How much does Lian have now?

15. Last year 1 385 people attended graduation at the high school. This year they expect to have 400 more people than last year. How many people will be at the graduation?

16. Cameron was out of school for 192 days last year. How many days was he in school? (Remember, 1 year = 365 days).

For 17 - 24: Multiply or divide. Check your answers. Show your work.

17. 17 x 3

18. 48 x 7

19. 29
x 5

20. 417
x 8

21. 28 ÷ 4

22. 46 ÷ 2

23. $3\overline{)57}$

24. $5\overline{)95}$

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